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Date

30 Aug 00

PATENT

10/A
9-21-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXAMINER: Gail Verbitsky : ATTY DOCKET NO: GK-Zei-3039
APPLICANT(S): Ulrich Simon & : GROUP ART UNIT: 2859
Stefan Wilhelm
SERIAL NO.: 09/238,859 : FILED: January 28
1999
TITLE: Laser Scanning Microscope with AOTF

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2800 MAIL ROOM
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Assistant Commissioner for Patents
Washington, D.C. 20231

AMENDMENT UNDER 37 CFR §1.111

SIR:

In response to an Office Action dated May 3, 2000, please amend the above-identified application as follows:

IN THE CLAIMS:

Please **CANCEL** claims 1 and 3 without prejudice or disclaimer.

Please **AMEND** claims 2, 4 and 8 as follows:

2. (Amended) In a laser scanning microscope with an AOTF
(acousto-optic tunable filter) in the laser input-coupling beam path, an
improvement comprising
a temperature gauge being provided in one of the environment of the AOTF
and the vicinity thereof and connected therewith;
means for one of cooling and heating at least one of the AOTF and its
environment; and
wherein said means for one of heating and cooling includes regulation to
a constant value.